

**Fig. 1**

(Prior Art)

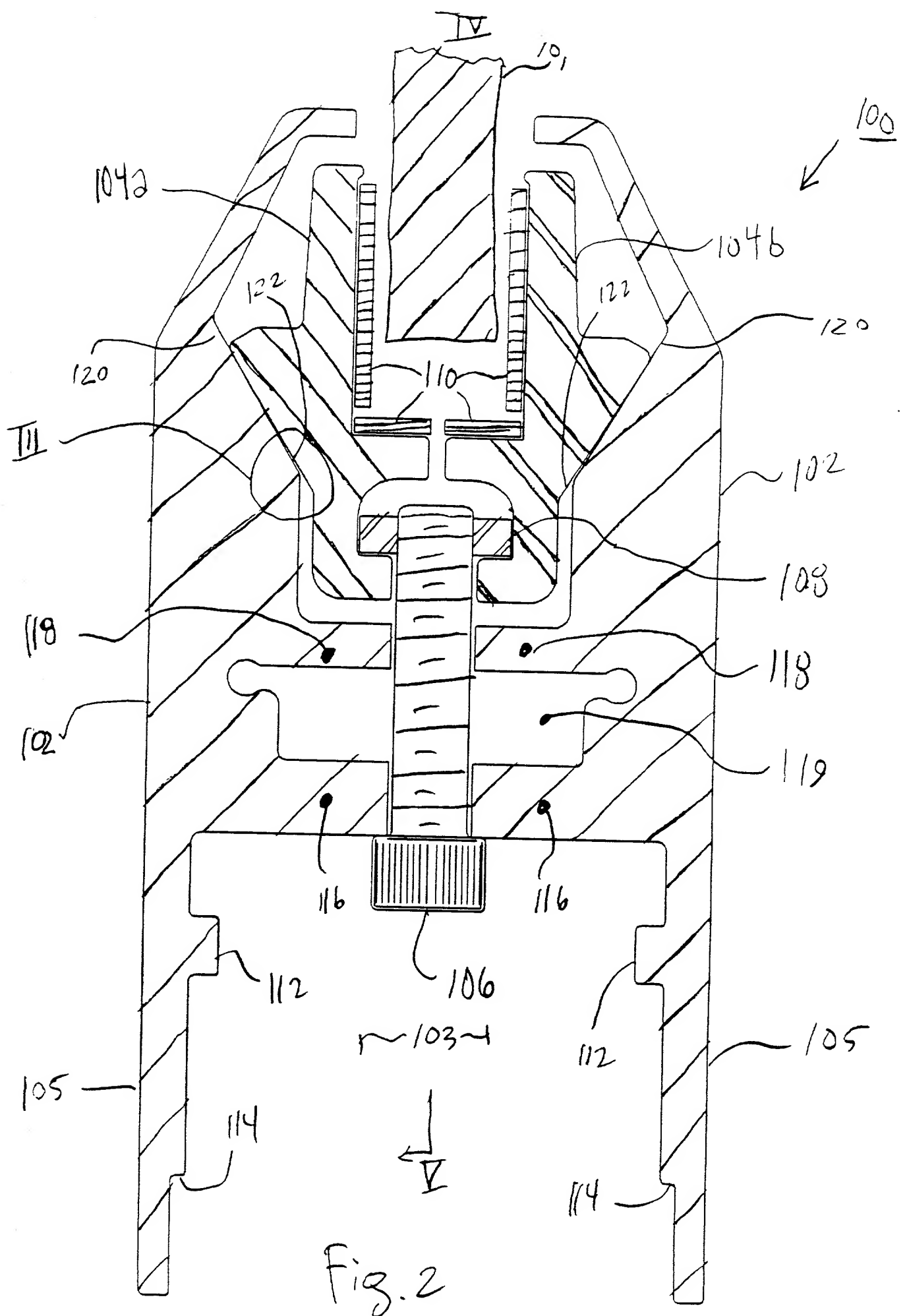


Fig. 2

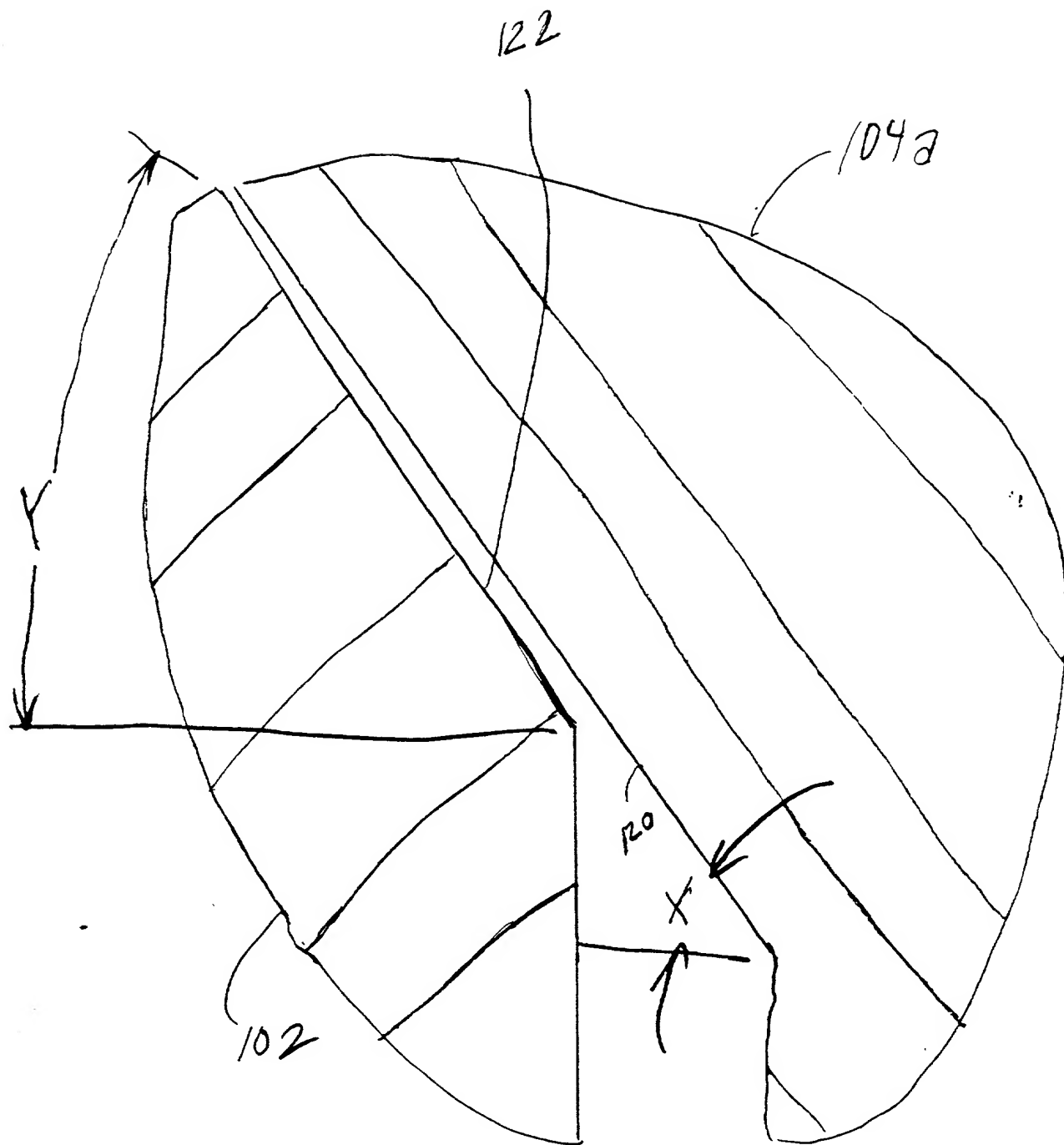


Fig. 3

Fig. 6

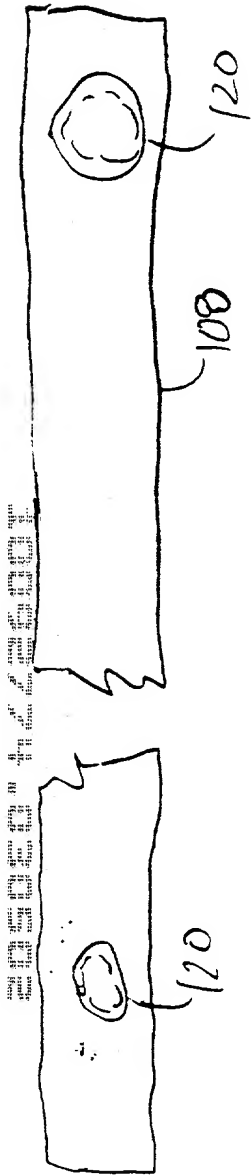


Fig. 4

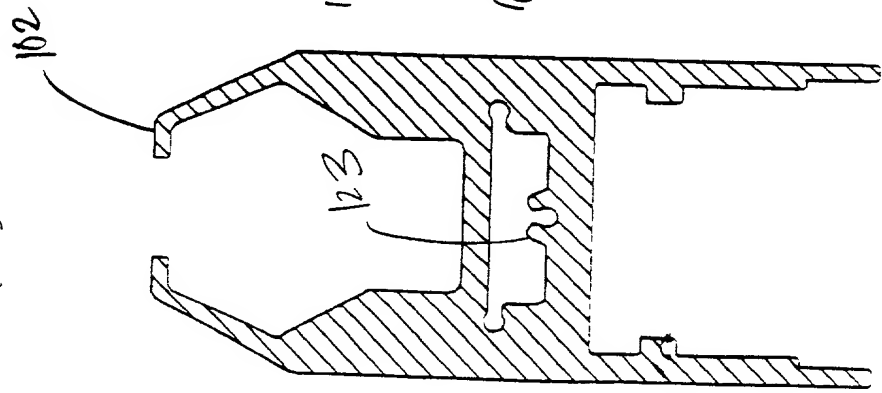


Fig. 5

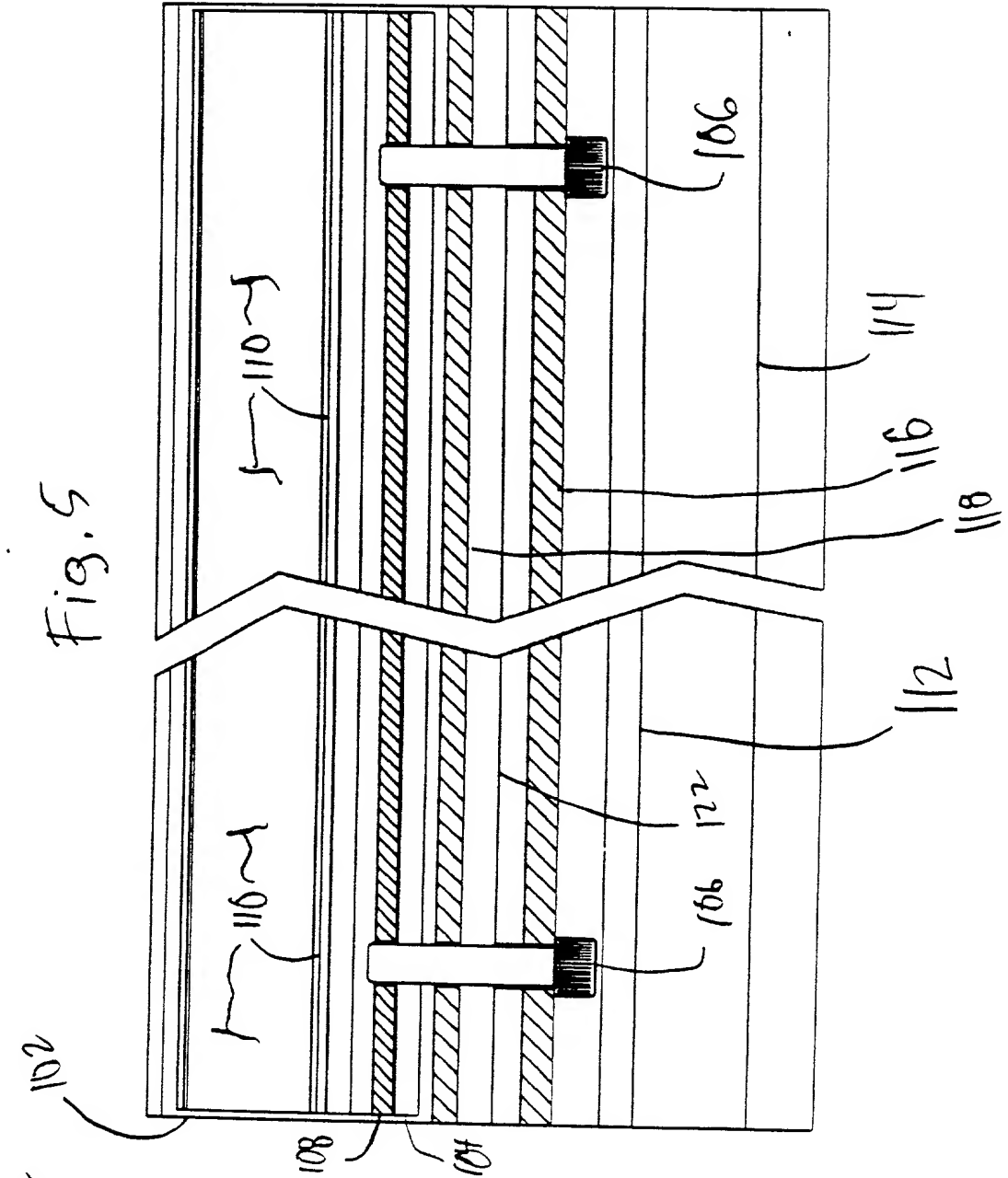




Fig. 7

XI  
↓

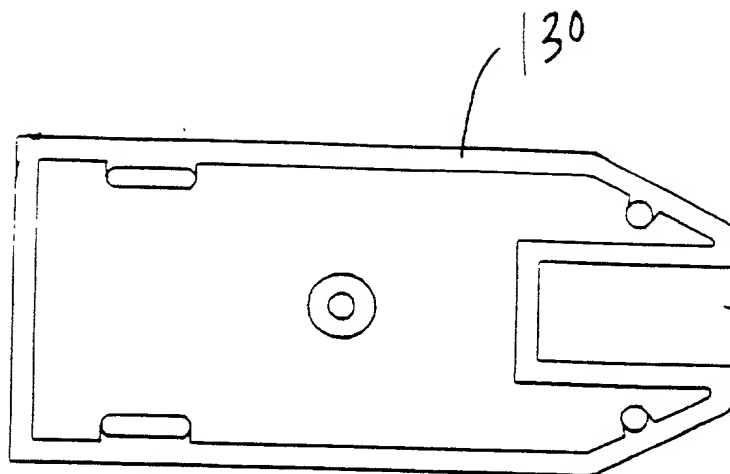


Fig. 8

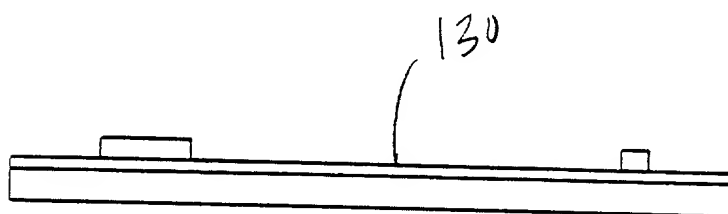


Fig. 9

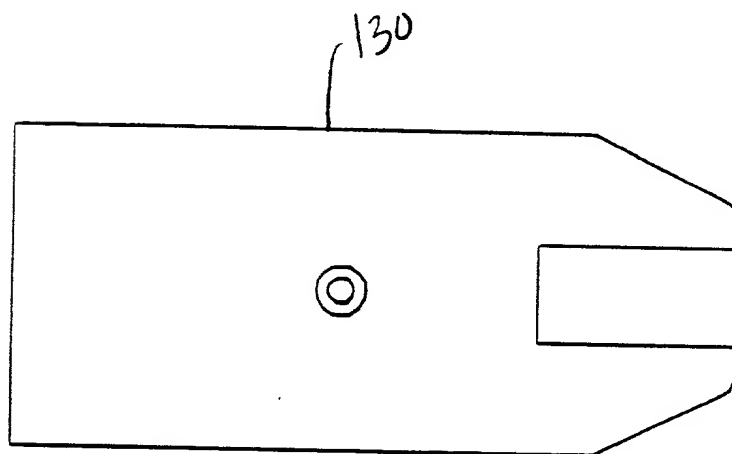


Fig. 10

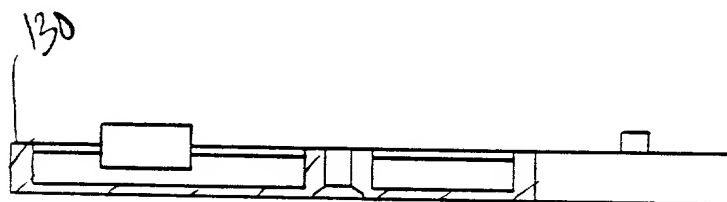


Fig. 11

FIG. 12 is a cross-sectional view of the device 100, showing the device 100 in a closed position. The device 100 includes a housing 102, a piston 104, a spring 106, and a valve 108. The piston 104 is biased by the spring 106 to a closed position, preventing fluid flow through the valve 108. The housing 102 is configured to receive a fluid medium, and the valve 108 is configured to allow fluid flow when the piston 104 is moved to an open position.

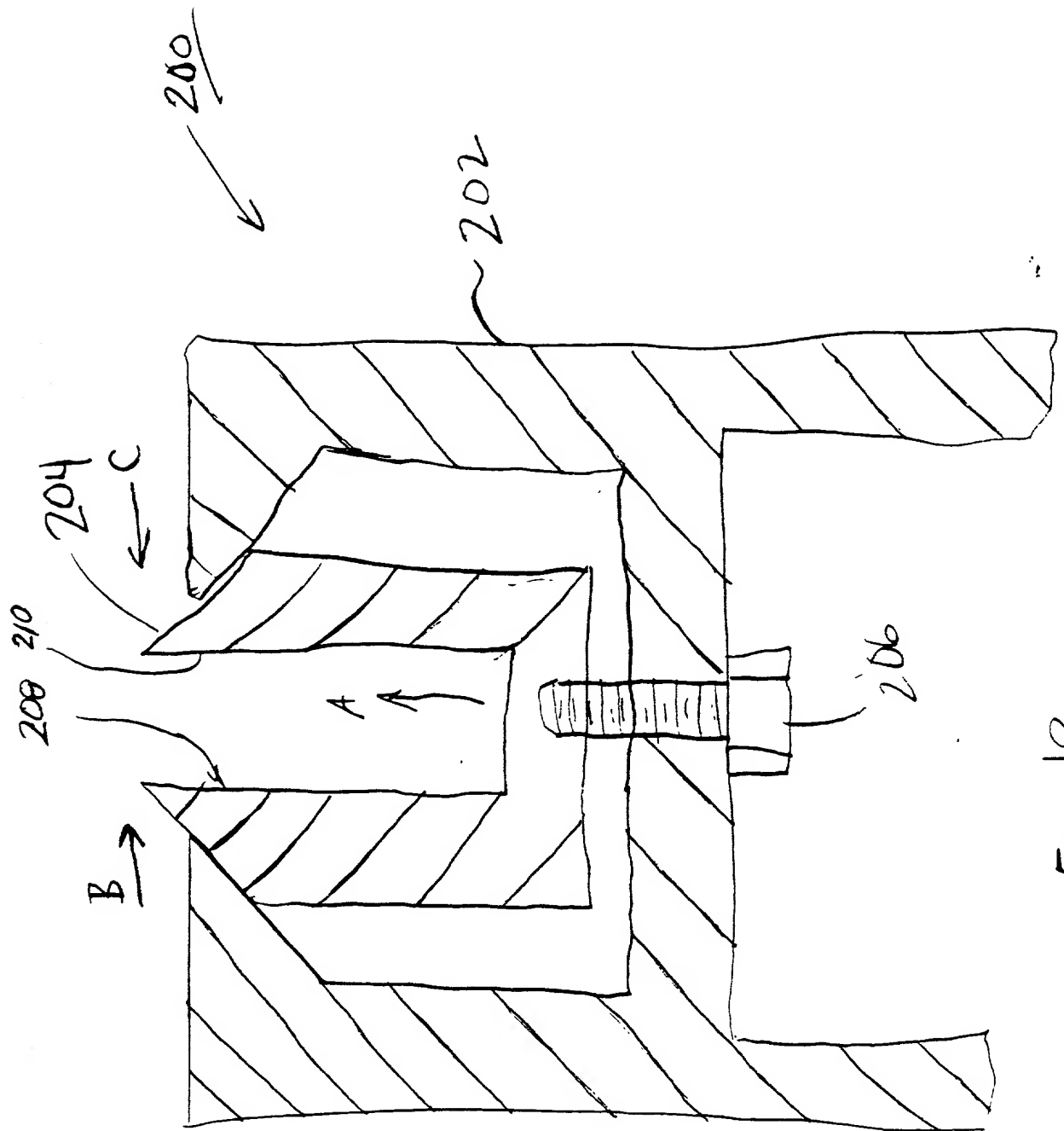


Fig. 12

FIG. 13 is a cross-sectional view of the device 300 taken along line D-D of FIG. 12, showing the internal components and the flow of fluid 308 through the device.

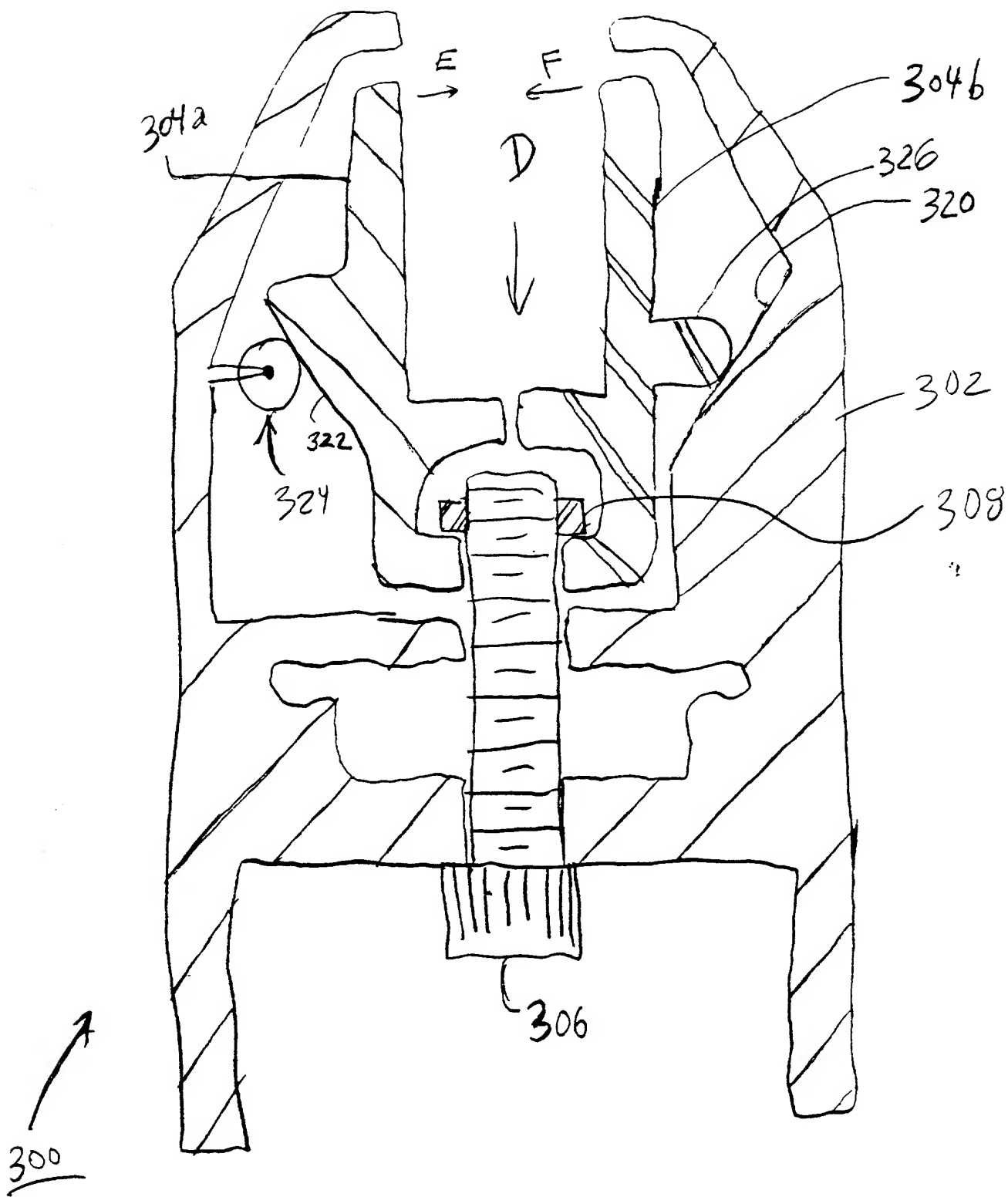
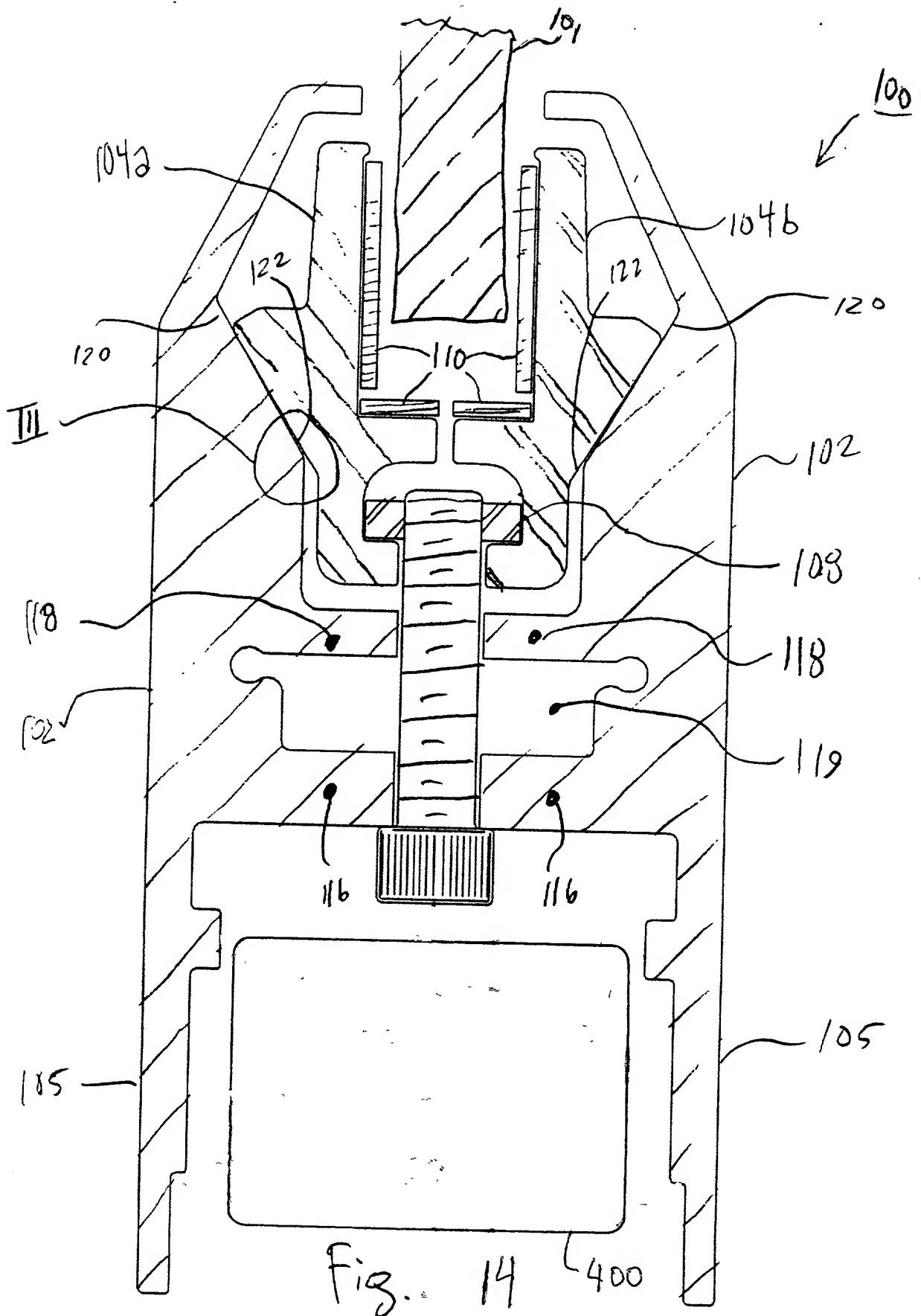


Fig. 13



100 101 102 103 104a 104b 105 110 116 118 119 120 122  
 III-III